

LED Board

Quantity Notes and Links

I'm not affiliated nor compensated for any of these links. These are for reference only.

I recommend you shop around for the best deals.

100nf smd capacitor	17	https://www.amazon.com/100pcs-0805-100nf-Multilayer-Ceramic-Capacitor/dp/B07P9D6W78
10 segment LED Bar Red	6	https://www.mouser.com/ProductDetail/Kingbright/DC10SRWA?qs=SxaZfIVsCL3oiC6rI9sPSQ%3D%3D
WS2812B RGB LEDs	17	https://www.amazon.com/Led-World-WS2812B-Individually-Addressable/dp/B00YC7ZXRM
2mm headers	1	https://www.adafruit.com/product/2671
180 Ohms resistor	6	https://www.amazon.com/Projects-Resistors-Watt-Choose-Quantity/dp/B077H1VK2Z
150 Ohms resistor	2	https://www.amazon.com/Projects-Resistors-Watt-Choose-Quantity/dp/B072F77NL5

Driver Board

Waveshare RP2040-Plus	1	https://www.waveshare.com/rp2040-plus.htm
10uF Tan Capacitor	2	https://www.amazon.com/CAPACITOR-SOLID-TANTALUM-10UF-RADIAL/dp/B007Z7PJT8
10uF Capacitor	1	https://www.amazon.com/Projects-Radial-Electrolytic-Capacitor-10uF/dp/B07YBCF9NG
1N5817 Diode	1	https://www.amazon.com/1N5817-Axial-Leaded-Schottky-Rectifier/dp/B00I6IDW30
AMS1117-1.8	1	https://www.amazon.com/AMS1117-1-8V-AMS1117-Voltage-Regulator-SOT-223/dp/B07Q3D77KT
UDA1334A DAC	1	https://www.amazon.com/AITRIP-CJMCU-1334-UDA1334A-Decoder-Arduino/dp/B09DG21C7G
LM3915N-1	1	https://www.amazon.com/LM3915N-LM3915-Nixie-Display-Driver/dp/B0137JYL00
IR Sensor	1	https://www.amazon.com/dp/B09WB54YSM
PDM Mic	1	https://www.adafruit.com/product/3492
2mm headers	1	same as above
Speaker Amp	1	https://www.adafruit.com/product/2130
12V Jack	1	https://www.amazon.com/DIKAVS-Breadboard-friendly-2-1mm-Barrel-Jack/dp/B074LK7G86
Power switch	1	https://www.amazon.com/DaierTek-250VAC-Rocker-KCD1-101-Plastic/dp/B07S2QJKTX
BC557 Transistors	10	https://www.amazon.com/Eowpower-250PCS-Values-Transistors-Assortment/dp/B071P849QB
1k Ohms Resistors	11	https://www.amazon.com/EDGELEC-Resistor-Tolerance-Resistance-Optional/dp/B07HDDWFDD
TSR 2-2450	1	https://www.tracopower.com/model/tsr-2-2450
Variable Resistor	1	https://www.amazon.com/10K-OHM-Trimpot-Variable-Resistor/dp/B00YSMMCOI